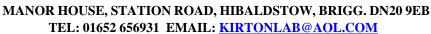
## KIRTON CONCRETE SERVICES LTD

## INDEPENDENT TESTING LABORATORY





1175

## TEST RESULTS

Client :- TITAN CEMENT LTD. HULL

Report reference :- TITAN

Weekly reference :- Week 49 2019

Sample :- ORDINARY PORTLAND CEMENT

Sand :- FRENCH

Date received :- 10-Dec-19

Date of tests :- 10-Dec-19 to 07-Jan-20

All results are based on sample received from the client

FINENESS 4320 cm<sup>2</sup>/g (BSEN 196-6:2010)

STANDARD CONSISTANCE 29.0 % (BSEN 196-3:2016)

INITIAL SETTING TIME 190 mins (BSEN 196-3:2016)

COMPRESSIVE STRENGTH:- mortar prisms (BSEN 196-1:2016)

AT 2 DAYS 33.0 Mpa (Mean of 6 results, none discarded)

AT 7 DAYS 53.6 Mpa (Mean of 6 results, none discarded)

AT 28 DAYS 66.8 Mpa (Mean of 6 results, none discarded)

CHEMICAL COMPOSITION:- by mass, as received

Chloride 0.01 % (BSEN 196-2:2013)

Average Chloride 0.01 Last 25 results

Na<sub>2</sub>O 0.17 % (BSEN 196-2:2013)

**K**<sub>2</sub>O **0.55 %** (BSEN 196-2:2013)

Na<sub>2</sub>O (equiv ) 0.53 % (BSEN 196-2:2013)

Na<sub>2</sub>O Average Alkali's 0.27 Last 25 results

**End of Report** 

THE ABOVE RESULTS COMPLY WITH THE REQUIREMENTS OF BS EN 197-1:2011 FOR CEM 1 52.5N

Signed...... Page 1 of 1

J.M. Burton Quality Manager

S. Burton Technical Manager